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TI **Photocatalyst** compositions, thermoplastic resin compositions and articles containing same **photocatalyst** compositions
IN Sekiguchi, Kenichi; Mikuni, Takamitsu
PA Nippon Zeon Co., Ltd., Japan
SO Jpn. Kokai Tokkyo Koho, 6 pp.
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CLASS

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	ICS	B01J021-06; C08J005-00; C08K003-00; C08L101-00; E04F013-02
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AB **Photocatalyst** compns. contain photocatalysts (e.g., anatase-type TiO2) and photocatalytically inert other inorg. powder (e.g., rutile-type TiO2, zeolite, **cement**). Thermoplastic resin compns. and their formed products contain the **photocatalyst** compns. A combination of an anatase-type TiO2 **photocatalyst** and an inert rutile-type TiO2 included in a thermoplastic resin show high and durable photocatalysis without deterioration of the thermoplastic resin.
ST **photocatalyst** compn thermoplastic resin binder; air purifn **photocatalyst** compn thermoplastic polymer binder
IT Air purification
Photolysis catalysts
(**photocatalyst** compns. containing photocatalytically inert inorg. powder, and thermoplastic resin compns. containing same)
IT Plastics, uses